

public and where it does not create any significant undesirable effects on the surrounding area. The Carolina Plywood, a heavy type of industry, is located adjacent to a railroad siding and in an area where any offensive liquid waste can be discharged into the sewerage treatment plant. Also of importance to the town, this industry, which occasionally creates odors, is located on the eastern side of the community where the predominantly southwest winds blow any undesirable odors away from the urban area.

In the one mile fringe area, the major industrial plant is Schieffelin and Company, located adjacent to U.S. 1. The most noticeable objectionable factor at this time is its accessibility from Apex. Hopefully the circulation problem can be corrected in the near future.

Social, Cultural and Recreational Development: The major uses in this category are the hospital, the adjoining medical center, and the memorial park. These uses are vital to a community, however, few communities the size of Apex have such elaborate facilities. The most noticeable facility in this category that is missing is a public library.

Transportation Uses: Although Apex is essentially a residential community, approximately 54 percent of the developed land is being used for transportation purposes. Over fifty percent of this land is used for streets and railroads; the remaining percentage represents the land used for related transportation uses such as the truck terminal at the intersection of James Street and N.C. 55.

The street system alone consumes over forty percent of the developed land. This percentage is unusually high compared to twenty-five to thirty-five percent in many North Carolina communities. The large amount of land in streets is mainly the result of the numerous small residential blocks surrounded by